

Form PTO-1449 (REV. 8-83) PATENT & TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	US Dept. of Commerce PATENT & TRADEMARK OFFICE	ATTY DOCKET NO. 2416	APPLICATION NO. 09/253 788
	APPLICANT Haarer, Brian K, and Atkinson, Nigel S.		
	FILING DATE 02/23/99	GROUP 1633	

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
RAH	1	5,610,028	03/11/97	Frischer, et. al.	435	29	Filing Date: 01/23/95
RAH	2	5,714,326	02/03/98	Dawson	435	6	Filing Date: 12/05/94
RAH	3	5,643,728	07/01/97	Slater, et. al.	435	6	Filing Date: 02/27/95
RAH	4	5,316,908	05/31/94	Carlson, et. al.	435	6	Filing Date: 07/13/90
RAH	5	4,683,195	07/28/87	Mullis, et. al.	435	6	Filing Date: 02/07/86
RAH	6	4,683,202	07/28/87	Mullis, et. al.	435	91	Filing Date: 10/25/85
RAH	7	4,800,159	01/24/89	Mullis, et. al.	435	172.3	Filing Date: 12/17/86
RAH	8	4,963,663	10/16/90	White, et. al.	536	27	Filing Date: 02/08/89

## FOREIGN PATENT DOCUMENTS

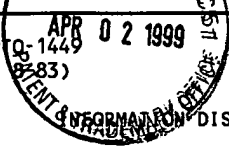
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

RAH	Mullis, et. al., " Specific Enzymatic Amplification of DNA In Vitro: The Polymerase Chain Reaction," Cold Spring Harbor Symposia in Quantitative Biology, Vol. L1, pp. 263-273 (1986) .
	Mullis, et. al., "Specific Synthesis of DNA in Vitro via a Polymerase-Catalyzed Chain Reaction," Methods in Enzymology, Vol. 155, pp. 335-351 (1987) .
RAH	Saiki, et. al., "Primer-Directed Enzymatic Amplification of DNA with a Thermostable DNA Polymerase," Reports, January 20, 1988, pp. 487-491 (1988) .
	Erllich, et. al., "Specific DNA Amplification," Nature, Vol. 331, February 4, 1988, pp. 461-462 (1988)

EXAMINER HURLICK	DATE CONSIDERED 12/15/99
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Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
9291	9	4,509,534	04/09/85	Tassin, Jr.	128	764	Filing Date: 06/14/82	
9291	10	5,297,561	03/29/94	Hulon	128	764	Filing Date: 07/19/90	
9291	11	5,378,602	01/03/94/6	Polymeropoulos, et. al.	435	6	Filing Date: 11/27/91	
9291	12	5,464,945	11/07/95	Reynolds, et. al.	435	6	Filing Date: 08/28/92	
9291	13	5,468,610	11/21/95	Polymeropoulos, et. al.	435	6	Filing Date: 06/09/93	
1291	14	5,514,547	05/07/96	Balazs, et. al.	435	6	Filing Date: 02/04/94	
9291	15	5,599,666	02/04/97	Schumm, et. al.	435	6	Filing Date: 03/28/94	
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)								
		9291	"Multiplying Genes by Leaps and Bounds," Research News, Vol. 240, June 10, 1988 pp-1408-1410 (1988)					
		9291	Oste, "Polymerase Chain Reaction," BioTechniques, Vol. 6, No. 2, pp-162-167 (1988)					
		9291	Vosberg "The Polymerase Chain Reaction: An Improved Method for the Analysis of Nucleic Acids," Human Genetics, Vol. 83, pp.1-15 (1989)					
			<del>Baverstock, "Cloud-reflected-Radiation," Nature, Vol. 345, June 28, 1990, pp. 773-774 ((1990) /</del>					
		9291	Kwok, et. al., "Avoiding False Positives with PCR," Nature, Vol. 339, May 18, 1989, pp. 237-238 (1989).					
		9291	Ali, et. al., "DNA Finger Printing by Oligonucleotide Probes Specific for Simple Repeats," Human Genetics, Vol. 74, pp. 239-243 (1986)					
EXAMINER  HORLICK					DATE CONSIDERED  12/15/99			
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Form PTO 3449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 2416		APPLICATION NO. 09/253,788	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT Haarer, Brian K. and Atkinson, Nigel S.			
				FILING DATE 02/23/99		GROUP 1633	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	16	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
RJA		5,674,686	10/07/97	Shumm, et. al.	435	6	Filing Date: 08/15/95
RJA	17	5,683,896	11/04/97	Hartley, et. al.	435	91	Filing Date: 04/01/94
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
		RJA	Waye, "A Simple and Sensitive Method for Quantifying Human Genomic CNA in Forensic Specimen Extracts," BioTechniques, Vol. 7, No. 8, pp.852-855 (1989)				
		RJA	Nakamura, et. al., "Variable Number of Tandem Repeat (VNTR) Markers for Human Gene Mapping," Science, Vol. 235, pp.1616-1622 (1987)				
		RJA	Roy, et. al., "Infrared Fluorescent Detection of D1S80 Alleles form Blood and Body Fluid Collected on IsoCode™ Devices," BioTechniques, Vol. 23, No. 5, pp.942-945(1997).				
		RJA	Ricciardone, et. al., "Multiplex Systems for the Amplification of Short Tandem Repeat Loci: Evaluation of Laser Fluorescence Detection," BioTechniques, Vol. 23, No.4, pp.742747 (1997).				
		RH	Botstein, et. al., "Construction of a Genetic Linkage Map in Man Using Restriction Fragment Length Polymorphisms," American Journal of Human Genetics, Vol. 32 pp.314-331 (1980).				
		RJA	Gill, et. al., "Forensic Application of DNA 'Fingerprints'," Nature, Vol. 318, pp.577-579 (1985)				
		RJA	Jeffreys, et. al., "Individual-Specific 'Fingerprints' of Human DNA," Nature, Vol. 316, pp. 76-79 (1985)				
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